

AMENDMENTS TO THE CLAIMS

Listing of claims:

1. (Currently Amended) A method of making an olefin oligomerization catalyst having reduced corrosive compounds, the catalyst comprising a composition comprising a chromium-containing compound, wherein the composition comprising a chromium-containing compound further comprises acidic protons, water, or both; a pyrrole-containing compound; a metal alkyl; a metal halide-containing compound, a non-metal halide-containing compound, or both; and optionally a solvent, the method comprising: abating all or a portion of the water, acidic protons, or both from the composition comprising the chromium-containing compound by contact thereof with a non-halide metal alkyl prior to contact thereof with a composition comprising the metal halide-containing compound, wherein the abating of all or a portion of the water, acidic protons, or both reduces formation of the corrosive compounds.
2. (Previously Presented) The method of claim 1, wherein the composition comprising a metal halide-containing compound comprises (i) a metal alkyl halide, (ii) a metal halide and a metal alkyl, (iii) a metal halide-containing compound formed from a non-metal halide and a metal alkyl, or (iv) combinations thereof.
3. (Previously Presented) The method of claim 1, wherein the catalyst comprising abated components yields less of one or more corrosive compounds during olefin oligomerization in comparison to a same catalyst without abated components.
4. (Canceled)
5. (Previously Presented) The method of claim 1, wherein the non-halide metal alkyl comprises triethylaluminum (TEA).